

# Sustainable Research Campus Planning

## National Renewable Energy Laboratory

**Preliminary  
Presentation**



LABS FOR THE 21ST CENTURY

## Introduction to presenters:

# 1

**Laura Burnett, ASLA**  
**Landscape Architect,**  
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**Marc Stutzman, ASLA**  
**Landscape Architect**  
**RNL Design**

**Martin Eiss, AIA**  
**Architect**  
**RNL Design**

**Nancy Carlisle, AIA**  
**Architect**  
**National Renewable Energy Laboratory**



## brief history of campus planning and its current values and goals

# 2

### The ideal campus

gathering place to create and refine ideas

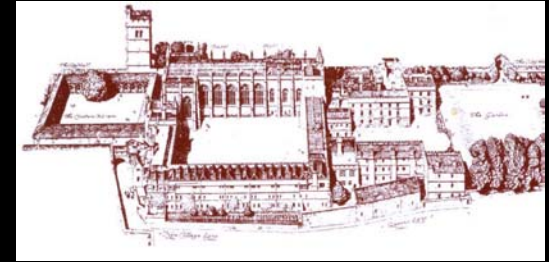
theology, commerce, the arts, or science and technology

share fundamental principles in their composition of elements (buildings, circulation and open space).

These places contribute to the long-term success of an institution by attracting and retaining quality people and extending the identity of the institution to the greater community.



New College  
Oxford University 1379



Harvard University



University of Virginia 1825



Scripps Institution of Oceanography



Salk Institute for Biological Studies



## NREL master plan's methods

# 3

- Mission of the institution
- Program for growth and operations
- Site issues and opportunities
- Implementation and on-going refinement of the master plan

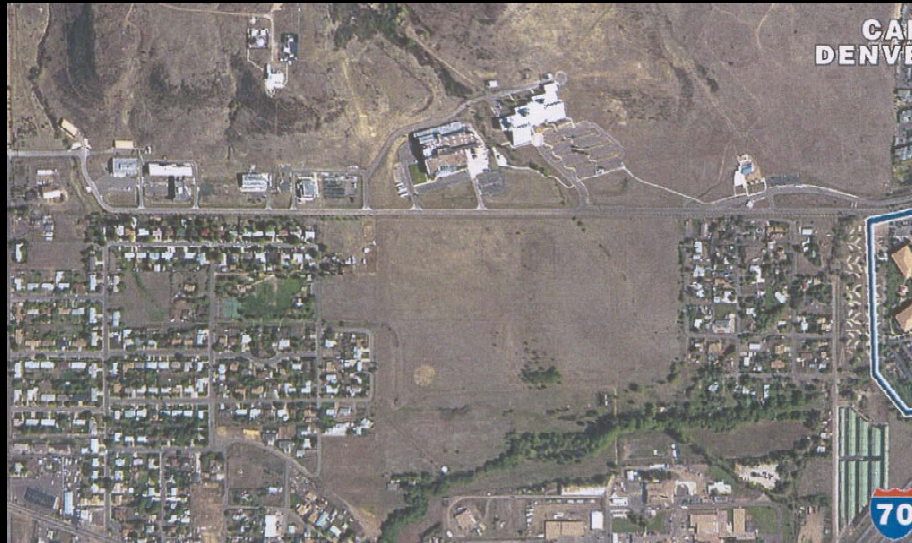


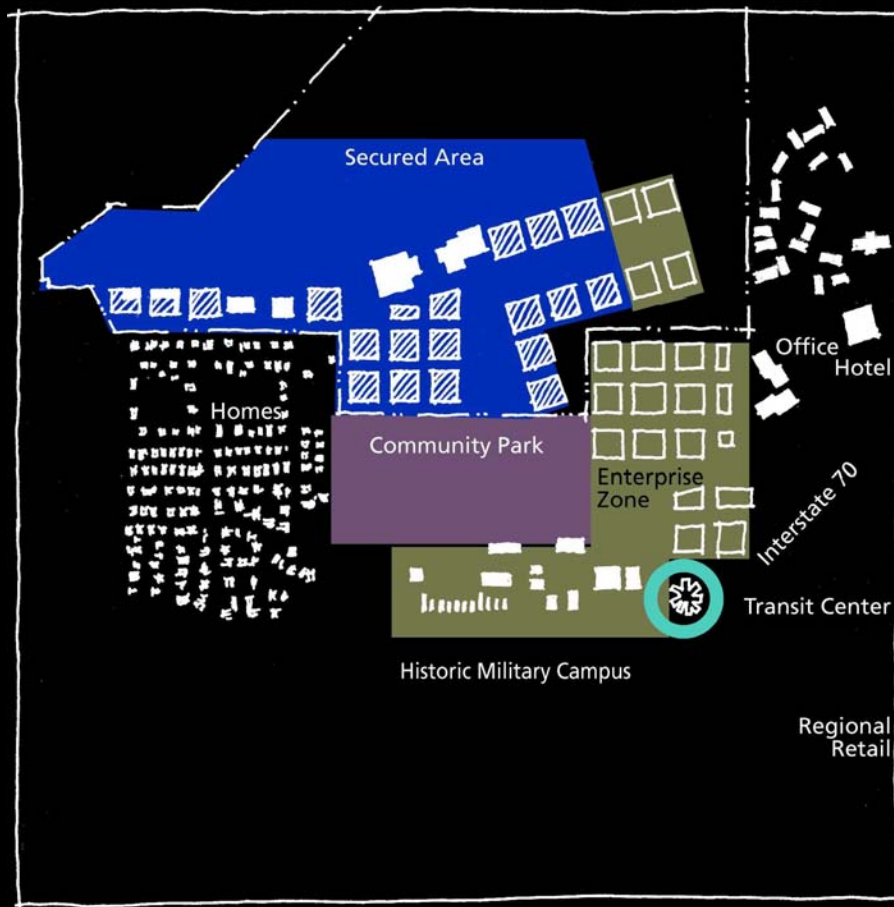


## NREL master plan's results as a case study

# 4

- Parking and circulation
- Density
- Campus Image
- Security
- Material Handling
- Storm water management
- Energy design strategy





- Framework for sustainable buildings around a core of attractive and useful open space served by circulation and utility routes
- Establishment of an enterprise zone for private development related to NREL
- Public education and community outreach and partnering opportunities
- Safety and security as a DOE facility
- Onsite storm water detention basins
- Campus character and identity
- Phased implementation based on the realities of funding
- Evaluating progress

